

Attachment 1 - Discharges of Untreated Sewage to Waters of the United States, Greater New Haven Water Pollution Control Authority, August 1, 2010 – February 12, 2015.

City or Town	Type of Bypass	Location of Bypass	Cause of Bypass	Blockage of Sewer Line due to	Exact Location of Bypass	Date and Time bypass was discovered	Date and time bypass was stopped	Date and Time bypass was reported	How bypass was discovered	Quantity / Volume of Bypass	How quantity/volume was determined	Date of last inspection (if equipment failure)	Receiving waters (if applicable)	Steps to minimize volume and duration of bypass	Steps taken to prevent recurrence of bypass	Bypass area cleaned of debris?	Method used	Date of last blockage / backup
New Haven	Raw sewage	Manhole	Blockage	Grease	450 Sargent Dr	12/19/2010 18:30	12/19/2010 19:20	12/22/2010 9:36	NHPD	50	Field estimate by crew		Long Island Sound	Jet sanitary sewers	PM jetting of sanitary sewers	Yes	Crew washed area down and VAC out the CB	
New Haven	Raw sewage	Manhole	Heavy rain		1 Union Ave	6/23/2011 14:45	6/23/2011 15:02	6/27/2011 8:55	Resident called in - Manholes overflowing	30,000	Field estimate by crew - Bypass mostly rain water		Long Island Sound	Wait for rain & flows to subside	Continue PM jetting program	Yes	Rinse and vac road area	
New Haven	Raw sewage	Pump station	Electric utility failure		Long Wharf Drive - CSO 024	7/21/2011 8:30	7/21/2011 9:00	7/25/2011 8:13	Manager discovered event	1,000	estimated using SCADA		New Haven Harbor	Ran generator	Electrical utility repaired feed to station	No		
New Haven					CSO - State and Union Pump Station	3/23/2012 19:30	3/23/2012 20:30	3/23/2012 21:25	Operator received SCADA alarm	50,000	Estimate based on time and flow	19-Mar-12	New Haven Harbor	Closed faulty breaker, re-established utility power	Replace faulty electrical breaker and repair burnt electrical connection	No		
New Haven			Weir wall failure		OF #003 Boulevard @ Orange Street	8/14/2012 12:30	8/16/2012 11:00	8/14/2012 13:52	Contractor discovered while working in manhole with flow meter problems	1,200,000	Estimated from depth of flow and pipe size	13-Aug-12	West River	Plan to construct new weir/weir wall	Construct new weir and continue flow monitoring	No		
New Haven					Long Wharf pump station 17 Sea St.	10/29/2012 12:00	10/30/2012 12:00	10/29/2012 10:20	Planned shutdown to protect pump station controls and pump during hurricane tidal surge, this will facilitate the stations return to normal status after the storm event	500	Estimated by daily flow average		New Haven Harbor	Return station to normal status after the storm event	Review station design	No		
East Haven	Raw sewage	Lateral	Blockage	Grease, rags	22 Vista Dr	12/10/2012 11:30	12/10/2012 13:15	12/10/2012 13:47	Resident called it in	200	Field estimate by crew		Swamp or marsh	Jet sanitary sewer	PM jetting of sanitary sewer	No	No material on road, only wastewater	
New Haven					CSO #009 Grand Ave @ James St - Drains to the Mill River	1/25/2013 15:20	1/26/2013 11:30	1/25/2013 17:00	Contractor called in for water in the lane	25,000	Visual flow estimate over time		Mill River	Contractor to repair weir wall		No		
Hamden	Raw sewage	Manhole	Blockage	Grease, roots	96 Stanley Rd	4/15/2013 19:15	4/15/2013 19:40	4/15/2013 20:07	Hamden PD called it in	50	Field estimate by crew		Belden Brook	Jet sanitary sewer	PM jetting of sanitary sewer	Yes	No debris on road, crew washed down area	
East Haven	Raw sewage	Manhole	Blockage	Grease	Swamp between Kenneth St and Proto Drive	6/8/2013 15:30	6/8/2013 19:15	6/8/2013 20:21	Crew checked sanitary after events and jetted a surcharged manhole causing overflow	500	Field estimate by crew		Swamp between Kenneth and Proto Dr	Jet sanitary sewer	PM jetting of sanitary sewer	Yes	Crew applied lime to area	
New Haven	Raw sewage	Manhole	Blockage	Rags	East Ramsdell at West River	1/22/2014 13:15	1/22/2014 13:20	1/22/2014 15:03	public works called in	50	Estimate		West River	jet sewer line	pm jetting	Yes	Supervac to remove debris, lime to disinfect	11/24/10

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Hamden	Raw sewage	Manhole	Blockage	Grease	45 Dunbar Hill Rd. Ext.	1/23/2014 17:20	1/23/2014 20:05	1/23/2014 19:15	resident called in	100	Field estimate by crew		Brook next to Dunbar Hill Rd. Ext.	jet sanitary sewer	pm jetting of sanitary sewer	Yes	crew cleaned area around manhole, applied lime	
New Haven					456 Grand Ave. (under Mill River bridge)	10/29/2014 10:55		10/29/2014 12:32	resident called it in	5	Visual observation		Mill River		have contractor repair line under bridge	No		
East Haven					72 Mill St.	12/29/2014 14:45	12/29/2014 16:05	12/29/2014 16:25	resident called in	1,000	Field estimate by crew		Farm River		pm jetting of sanitary sewer	Yes	crew cleaned around manhole, area will be vacuumed and lime applied	
Hamden					behind 64 Corbin Rd.	1/13/2015 9:43	1/13/2015 10:10	1/13/2015 10:47	homeowner called in	100	Field estimate by crew		Quinnipiac River		pm jetting of sanitary sewer, on liner project list for 2015	No	no solids, only liquid	11/3/09